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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/511,330	01/05/2005	Eligio Bau	66309-200	6691

25269 7590 12/19/2005

DYKEMA GOSSETT PLLC  
FRANKLIN SQUARE, THIRD FLOOR WEST  
1300 I STREET, NW  
WASHINGTON, DC 20005

EXAMINER
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RACHUBA, MAURINA T

ART UNIT	PAPER NUMBER
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3723

DATE MAILED: 12/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/511,330

Applicant(s)

BAU ET AL.

Examiner

M Rachuba

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,6 and 9-14 is/are rejected.
- 7) ☒ Claim(s) 4,5,7 and 8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/15/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1, 2, 3, 6, and 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tassoni 4,615,146 in view of Caton, 2,948,087. '146, figures 1 and 2 and their descriptions, discloses the claimed invention except for a winding unit moving the sanding unit. '087, in a similar device, teaches the use of winding element 80 wrapped around "pulleys" (gears) and cooperating with kinematic means for moving the sanding unit. It would have been obvious to one of ordinary skill to have provided '146 with the winding unit of '087, figure 1, column 4, lines 45-64, to allow each sanding unit

to rotate in either direction, without the use of individual drive motors, decreasing the cost and weight of the device. Regarding claim 3, please refer to '146, column 2, lines 9-14. Regarding claim 6, please refer to column 2, lines 63 through column 3, lines 4. Regarding claims 9-12, '146 discloses the support structure is a conveyor belt, and the frame can be moved relative to the structure via jacks 31. '146 does not disclose that the support comprises a plurality of rotating rollers positioned side by side. The examiner takes Official notice that one of ordinary skill would have considered the use of such and old and well known support an obvious functional equivalent to a conveyor belt.

4. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tassoni 4,615,146 in view of Caton, 2,948,087 as applied to claim 1 above, and further in view of Piggen, 5,339,569. '146 as modified by '087 does not disclose suction means combined with the support structure. '569 teaches that it is old and well known to use a vacuum with a support to hold workpieces during processing. It would have been obvious to one of ordinary skill to have provided '146 as modified by '087 with the vacuum support of '569, figure 3 and its description, to ensure that the workpiece is held securely during processing, to prevent damage to the workpiece.

5. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tassoni 4,615,146 in view of Caton, 2,948,087 as applied to claim 1 above, and further in view of Ernst, 2,308,187. '146 as modified by '087 does not disclose pressing elements to keep the workpiece in contact with the support structure. In a finishing device, '187 teaches using pressers to hold a workpiece on a support during processing. It would

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have been obvious to one of ordinary skill to have provided '146 as modified by '087 with the pressing elements taught by '187, figure 1, 5, to ensure proper finishing of the workpiece without damage to the workpiece.

***Allowable Subject Matter***

6. Claims 4, 5, 7, and 8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Other similar devices are cited of interest.

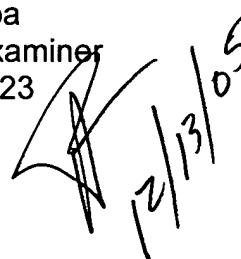
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to M Rachuba whose telephone number is 571-272-4493. The examiner can normally be reached on Monday-Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Hail can be reached on 571-272-4485. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

M Rachuba  
Primary Examiner  
Art Unit 3723

A handwritten signature, possibly reading 'M. Rachuba', is written over the printed name. To the right of the signature, the date '12/13/05' is handwritten vertically.